

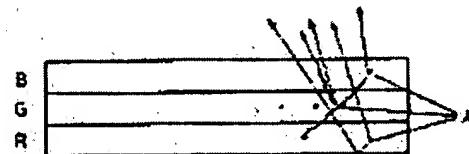
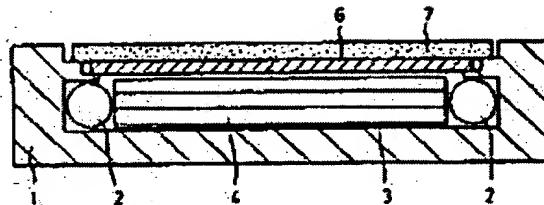
BACK LIGHT

Patent number: JP1175103
Publication date: 1989-07-11
Inventor: TANAKA AKIRA; others: 03
Applicant: FUJITSU LTD
Classification:
 - **international:** F21V8/00; G09F9/00
 - **european:**
Application number: JP19870334049 19871229
Priority number(s):

Abstract of JP1175103

PURPOSE: To obtain illuminating light with a desired tone without reducing the intensity when a tungsten bulb and a halogen bulb are used by overlapping two or more plates with different fluorescent colors respectively for a light conducting plate.

CONSTITUTION: A light conducting plate 4 is constituted of three plates arranged in the order of blue B, green G and red R of fluorescent colors from the surface side. When the outgoing light from a light source A enters through the end faces of the plates, the light absorbed by the plate R emits red fluorescence. This light is not absorbed by the plates B and G and conducted on the surface side and goes out from the surface of the light conducting plate. On the other hand, the fluorescent color scattered to the reflecting layer side on the back face among the incident light to the plate B is absorbed by the plate G and emitted again as the green fluorescence. Mixed colors of red, green and blue in the narrow spectrum range respectively are emitted on the surface of the light conducting plate. The outgoing light with a desired tone is thereby obtained by adjusting and combining the fluorescent colors of individual plates.



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